



Knoxville Utilities Board

IWTOLD001

September 29, 2012

Mr. Jim Mc Adoo
Permit Section
TDEC – Division of Water Pollution Control
401 Church Street
L & C Annex 6th Floor
Nashville, Tennessee 37243-1534

**RE: Knoxville Utilities Board
Inter-basin Transfer Permit IWTOLD001**

Dear Mr. Mc Adoo,

As required by KUB's Inter-basin Transfer Permit IWTOLD001, please find enclosed Form CN-1336 Inter-basin Water Transfer Report. The sums of the maximum daily inter-basin transfers for July 2011 through June 2012 are:

From TN River Basin to Holston River Basin = 7,126,000 gallons per day
From TN River Basin to French Broad River Basin = 943,000 gallons per day

Reports and spreadsheet showing calculations are enclosed.

If you have any questions, please call me at (865) 594-8286.

Sincerely,

Debbie G. Ailey
Manager, Regulatory Compliance

Enclosures

c/encs: File – Inter-basin Water Transfer Reports

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OCT 01 2012

TN Division of Water
Pollution Control



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX, 401 CHURCH STREET, NASHVILLE, TN 37243

Inter-basin Water Transfer Report

Withdrawing System: Knoxville Utilities Board MBW Water Treatment Plant
Receiving System: Shady Grove Utility District
Basin of Origin: TN River Mile 649.3
Receiving River Basin: French Broad River Basin
County: Jefferson

Month/Year	Days	Usage	Gallons	Rolling 90-Day Average Gallons per Day		
June 2012	30		757,000			
May 2012	31		754,000			
April 2012	30		709,000	740,000		
March 2012	31		714,000	726,000		
February 2012	29		748,000	724,000		
January 2012	31		757,000	740,000		
December 2011	31		727,000	744,000		
November 2011	30		744,000	743,000		
October 2011	31		751,000	741,000		
September 2011	30		931,000	809,000		
August 2011	31		964,000	882,000		
July 2011	31		935,000	943,000		

Maximum Ninety Day Period: 943,000 Connections : Residential: 100%
Commercial: _____
Industrial: _____

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated information presented. I certify that there has been no increase in the amount of inter-basin transfer or a timely application has been submitted. I am aware there are significant penalties for submitting false information, including the possibility of fines.

Name: Debbie G. Ailey Title: Manager, Regulatory Compliance
Signature: [Signature]
Date: 9/29/12



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX, 401 CHURCH STREET, NASHVILLE, TN 37243

Inter-basin Water Transfer Report

Withdrawing System: Knoxville Utilities Board MBW Water Treatment Plant
Receiving System: Knoxville Utilities Board Septic Tanks Wooddale Area
Basin of Origin: TN River Mile 649.3
Receiving River Basin: Holston River Basin
County: Knox

Month/Year	Days	Usage	Gallons	Rolling 90-Day Average Gallons per Day		
June 2012	30		2,870,000			
May 2012	31		2,774,000			
April 2012	30		2,596,000	2,747,000		
March 2012	31		2,619,000	2,663,000		
February 2012	29		2,659,000	2,625,000		
January 2012	31		2,623,000	2,634,000		
December 2011	31		2,598,000	2,626,000		
November 2011	30		2,700,000	2,640,000		
October 2011	31		2,749,000	2,682,000		
September 2011	30		2,876,000	2,775,000		
August 2011	31		2,715,000	2,780,000		
July 2011	31		2,625,000	2,739,000		

Maximum Ninety Day Period: 2,780,000 Connections : Residential: 100%
*Number is a high estimate. Part of flow has already been Commercial: _____
accounted for in water to Loves Creek WWTP. Industrial: _____

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Signature: [Signature]
Date: 9/29/12



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DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX, 401 CHURCH STREET, NASHVILLE, TN 37243
Inter-basin Water Transfer Report

Withdrawing System: Knoxville Utilities Board MBW Water Treatment Plant
Receiving System: Knoxville Utilities Board Loves Creek Wastewater Treatment Plant
Basin of Origin: TN River Mile 649.3
Receiving River Basin: Holston River Mile 5.0
County: Knox

Month/Year	Days	Usage	Gallons	Rolling 90-Day Average Gallons per Day		
June 2012	30		1,720,000			
May 2012	31		2,100,000			
April 2012	30		2,340,000	2,053,000		
March 2012	31		3,270,000	2,570,000		
February 2012	29		3,590,000	3,067,000		
January 2012	31		3,830,000	3,563,000		
December 2011	31		3,690,000	3,703,000		
November 2011	30		3,410,000	3,643,000		
October 2011	31		2,310,000	3,137,000		
September 2011	30		2,580,000	2,767,000		
August 2011	31		1,670,000	2,187,000		
July 2011	31		2,340,000	2,197,000		

Maximum Ninety Day Period: 3,703,000 Connections : Residential: 89%
Commercial: 10%
Industrial: 1%

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Name: Debbie G. Ailey Title: Manager, Regulatory Compliance
Signature: *Debbie G. Ailey*
Date: 9/29/12



STATE OF TENNESSEE
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DIVISION OF WATER POLLUTION CONTROL
6TH FLOOR, L & C ANNEX, 401 CHURCH STREET, NASHVILLE, TN 37243

Inter-basin Water Transfer Report

Withdrawing System: Knoxville Utilities Board MBW Water Treatment Plant
Receiving System: Knoxville Utilities Board Eastbridge Wastewater Treatment Plant
Basin of Origin: TN River Mile 649.3
Receiving River Basin: Holston River Mile 14.2
County: Knox

Month/Year	Days	Usage	Gallons	Rolling 90-Day Average Gallons per Day		
June 2012	30		470,000			
May 2012	31		500,000			
April 2012	30		480,000	483,000		
March 2012	31		630,000	537,000		
February 2012	29		640,000	583,000		
January 2012	31		660,000	643,000		
December 2011	31		630,000	643,000		
November 2011	30		600,000	630,000		
October 2011	31		430,000	553,000		
September 2011	30		480,000	503,000		
August 2011	31		390,000	433,000		
July 2011	31		440,000	437,000		

Maximum Ninety Day Period: 643,000 Connections : Residential: 81%
Commercial: 1%
Industrial: 18%

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated information presented. I certify that there has been no increase in the amount of inter-basin transfer or a timely application has been submitted. I am aware there are significant penalties for submitting false information, including the possibility of fines.

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